



2013 International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering 2013 International Conference on Materials and Reliability (QR2MSE 2013 & ICMR 2013)

July 15-18, 2013 · Emeishan, Sichuan, China

<http://www.qr2mse.org>

CALL FOR PAPERS

ORGANIZERS

- University of Electronic Science and Technology of China
- The Maintenance Professional Committee of China Ordnance Industry Society

SPONSORS

- IEEE Reliability Society
- The Japan Society of Mechanical Engineers
- International Society of Engineering Asset Management
- Reliability Engineering Association of Japan
- The Korean Society of Mechanical Engineers
- European Safety and Reliability Association
- The Korean Reliability Society
- National Natural Science Foundation of China

THEME

The 2013 International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering (QR2MSE 2013) and The 2013 International Conference on Materials and Reliability (ICMR 2013) aim to provide an international forum for exchange of innovative ideas, cutting-edge research results, and applications of materials science, reliability and quality tools in design, manufacturing, and operation and maintenance of engineering systems. Papers dealing with case studies, reliability data generation, experimental results, best design practice, effective maintenance solutions, or materials science are of particular interest. All papers accepted will be included in the conference proceedings and **IEEE Xplore** and indexed by **EI** and **Conference Proceedings Citation Index**. Selected papers will be published in special issues of international journals.



TOPICS OF INTERESTS (not limited to the following topics)

QUALITY, RELIABILITY, RISK, MAINTENANCE, AND SAFETY

- Quality engineering
- Quality assurance and control
- Quality planning and measurements
- Total quality management
- Failure modes and effect analysis
- Reliability theory and methodology
- Reliability analysis and modeling
- Reliability testing and statistics
- Reliability tools
- Product reliability
- Structural reliability
- Mechanical and mechanism reliability



- Software reliability and testing
- Network reliability
- Electric power systems reliability
- Human factors and reliability
- Risk assessment and safety
- Survival data analysis
- Data collection and analysis
- Accelerated life/degradation testing
- Fault tolerance
- Fault diagnosis
- Prognostics and health management
- Condition based maintenance
- Maintainability
- e-Maintenance
- Maintenance engineering theory
- Reliability centered maintenance
- Software maintenance
- Maintenance support modeling and simulation
- Contractor logistics

- Reliability/Robust/Optimal design
- Multidisciplinary design optimization

MATERIALS

- Stress analysis
- Fracture/Damage mechanics
- Fatigue
- Creep
- Corrosion
- Alloys/composites
- Advanced materials
- Coatings
- Wear/ Tribology

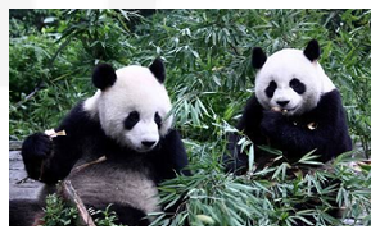
APPLICATIONS

- Nuclear/Automobile/Transportation industry
- Green technology
- Plant engineering
- Electronics/Packaging
- Nano/Micro-systems
- Bio-system

SUBMISSION OF PAPERS

Full papers should be submitted electronically in **MS-Word** by **March 10, 2013**, to Conference Secretary at icqrms@uestc.edu.cn. Authors' names, affiliations, and contact information must be included in submission.

All submitted papers will be reviewed for merits and contents. Accepted papers will be published in Conference Proceedings and IEEE Xplore, indexed by Engineering Village (EI Compendex). Outstanding papers will be considered for publication in special issues of international journals.



IMPORTANT DATES

Full Paper Submission Deadline

Mar 10, 2013

Full Paper Acceptance Notification

Apr 20, 2013

Camera Ready Papers Due

May 20, 2013

For more information and updates, please visit conference website at www.qr2mse.org.